

10/562065

IAP20 RECEIVED 22 DEC 2005

Docket No.: 0171-1251PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Takuji YOSHIMOTO et al.

Application No.: NEW

Confirmation No.: N/A

Filed: December 22, 2005

Art Unit: N/A

For: 1, 4-BENZODIOXANE SULFONIC ACID
COMPOUND AND USE THEREOF AS
ELECTRON-ACCEPTOR MATERIAL

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

JP Patent No. 6-199825 corresponds to US Patent No. 5,387,681

A summary/abstract translation of the non-English language references is enclosed. Also, JP Patent No. 2002-151272 all Non-Patent literatures are discussed on pages 1,2,21 and 22 of the present Specification.

Birch, Stewart, Kolasch & Birch, LLP

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C./

Application No.: NEW

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IAP20 Rec'd PTO 22 DEC 2005

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

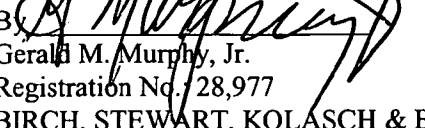
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: December 22, 2005

Respectfully submitted,


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IAP20 REGISTRATION 22 DEC 2005

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|---|----|---|--------------------------|-------------------|
| Substitute for form 1449A/B/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | NEW 0171-1251PUS1 |
| | | | | Filing Date | December 22, 2005 |
| | | | | First Named Inventor | Takuji YOSHIMOTO |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0171-1251PUS1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA* | US-5,387,681-A | 02-07-1995 | Miller et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | BA | JP-6-199825-A | 07-19-1994 | | | ABS |
| | BB | FR-2747678-A1 | 10-24-1997 | | | |
| | BC | JP-2001-106782-A | 04-17-2001 | | | ABS |
| | BD | JP-2003-338379-A | 11-28-2003 | | | ABS |
| | BE | JP-2002-151272-A | 05-24-2002 | | | ABS |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | C. W. Tang et al., Applied Physics Letters, U.S., vol. 51, (12), 21 September 1987, p. 913 to 915 | |
| | CB | J. H. Burroughes et al., Nature, England, vol. 347, 11 October 1990, p. 539 to 541 | |
| | CC | S. A. Van Slyke et al., Applied Physics Letters, U.S., vol. 69, 7 October 1996, p. 2160 to 2162 | |
| | CD | G. Gustafsson et al., Nature, England, vol. 357, 11 June 1992, p. 477 to 479 | |
| | CE | Y. Yang et al., Applied Physics Letters, U.S., vol. 64 (10) 7 March 1994, p. 1245 to 1247 | |
| | CF | Jayesh Bharathan et al., Applied Physics Letters, U.S., vol. 72 no. 21, 25 May 1998, p. 2660 to 2662 | |
| | CG | Takeo Wakimoto et al., IEEE Transactions on Electron Devices, U.S., vol. 44, no. 8, August 1997, p. 1245 to 1248 | |
| | CH | L. S. Hung et al., Applied Physics Letters, U.S., vol. 70 (2) 13 January 1997, p. 152 to 154 | |
| | CI | Chimed GANZORIG et al., Japanese Journal of Applied Physics, vol. 38 (1999) p. L1348 to L1350 | |
| | CJ | Juzo Nakayama et al., Heterocycles, vol. 26, no. 4, 1987, p. 939 to 942 | |
| | CK | Juzo Nakayama et al., Heterocycles, vol. 26, no. 7, 1987, p. 1793 to 1796 | |
| | CL | Miyoko OCHI et al., Bulletin of Chemical Society of Japan, vol. 67, 1994, p. 1749 to 1752 | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

/Raymond Covington/ au 1625

7/16/2009

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
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Birch, Stewart, Kolasch & Birch, LLP

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C./